FORM PTO-1449	Atty. Docket No.: P32.12-0022	Appl. No.: 10/790,627			
O PE LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:				
\$ 6/	Brad N. Mathiowetz et al.				
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Examiner Initial		Document No.	Date Name		Class	Sub Class	Filing Date If Appropriate
TC	AA	5,471,698	12/5/95	Francis et al.	15	144.1	
	AB	6,037,778	3/14/00	Makhija	324	433	
	AC	6,098,095	8/1/00	Nelson et al.	709	208	
	AD	6,312,364	11/6/01	Selsam	482	93	
	AE	6,714,969	3/30/04	Klein et al.	709	219	
	AF	6,733,376	5/11/04	Williams	451	344	
	AG	6,851,612	2/8/05	Iasso et al.	235	472.01	
	АН	US2003/005 8277	3/27/03	Nguyen, Thomas T.	345	764	
	AI	US2004/023 0327	11/18/04	Opheim et al.	700	83	·
	ΑJ	US2004/024 8619	12/9/04	Graiger et al.	455	566	
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		Document No.	Date	Country	Class	Sub Class	Translation Yes No	
TC	AL	JP 2001-070224	3/21/01	JР			х	
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FORM I	PTO-14	149					A	tty. 32.12	Docket -0022	No.:	Appl. No.: 10/790,627	
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TC	AA	6,199,018	3/200	1	Quist	et al.			702	34		
TC	AB	6,656,145	12/20	03	Morto	n			602	27		
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6		AND P	<u>\$</u>				Brad N. Mathiowetz et al.						
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	TC	AA	3,774,693	11/27/	773	Orthma	an		172	311			
	AB 4,290,647 9/22		9/22/8	31	Hense:	l et al.		397	362				
		AC 4,535,636 8/20,		8/20/8	Blackburn et al.			73	73	831			
		AD	4,630,483	12/23/	/86	Engda	hl	73		652			
		AE	5,099,539	3/31/9	92	Fores	ter		15	143			
		AF	5,501,107	3/26/9	96	Snyde	r et al.		73	862.23			
		AG	5,581,033	12/3/9	96	Hess		73 172	73	431			
		AH	5,697,453	12/16/	/97	Van D	en Bosch		41				
7		AI	6,748,631	6/15/0	)4	Iguchi et al.		2	24	265			
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01	PE	IST OF PATENTS APPLICAN DISCLOS	T'S IN	ORMA'	TION	FOR		Fir	st 1	Named I	nventor:			
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TC	AO	Dewey, Field Instrumentat	Dewey, Fieldbus Device Maintenance - Do I Need to Go to the Field Anymore?, The Instrumentation, Systems and Automation Society, ISA 2000											
TC	AP	Industrial T	Simon et al., Field Devices - Models and their Realisations, 11-14 December 2002, Industrial Technology, IEEE ICIT 2002, IEEE International Conference, Vol. 1, Pages 307-312											
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EXAMI	NER:	/Tony Chuc	(05/	09/2	006)		DATE CO	NSID	ERE	D:				

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Atty. Docket No.: P32.12-0022

Appl. No.: 10/790,627

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

First Named Inventor:

Brad N. Mathiowetz et al.

Filing Date Group Art:

March 1, 2004 2838

#### U.S. PATENT DOCUMENTS

	iner tial			Name	Class	Sub Class	Filing Date If Appropriate	
TC	AA	6,775,271	8/10/04	8/10/04 Johnson et al.		352		
	AB `							
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:			
	Brad N. Mathiowetz	et al.		
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	March 1, 2004	2838		

Exam Init	iner cial	Document No. Date		Name	Class	Sub Class	Filing Date If Appropriate	
TC	AA	3,955,132	5/4/76	Greenwood	323	15		
	AB							
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

Brad N. Mathiowetz et al.

Filing Date Group Art: March 1, 2004

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#### U.S. PATENT DOCUMENTS

	iner tial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
TC	AA	4,337,516	06/29/82	Murphy et al.	364	551	06/26/80
	AB	4,630,265	12/16/86	Sexton	370	86	09/26/84
	AC	4,635,214	01/06/87	Kasai et al.	364	551	06/29/84
	AD	4,707,796	11/17/87	Calabro et al.	364	552	08/13/86
	AE	4,954,923	09/04/90	Hoeflich et al.	361	111	08/19/88
	AF	4,964,125	10/16/90	Kim	371	15.1	08/19/88
	AG	4,988,990	01/29/91	Warrior	340	25.5	12/26/89
	AH	5,005,142	04/02/91	Lipchak et al.	364	550	07/24/89
	AI	5,103,409	04/07/92	Shimizu et al.	364	556	01/03/90
•	AJ	5,113,303	05/12/92	Herres	361	45	03/29/90
	AK	5,148,378	09/15/92	Shibayama et al.	364	571.07	11/19/90
·	AL	5,150,289	09/22/92	Badavas	364	154	07/30/90
	AM	5,197,328	03/30/93	Fitzgerald	73	168	01/09/92
$\prod_{i=1}^{n}$	AN	5,434,774	07/18/95	Seberger	364	172	03/02/94
$\nabla$	AO	5,442,639	08/15/95	Crowder et al.	371	20.1	10/12/93

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
TC	AP	WO/96/12993	05/02/96	WIPO			×
	AQ	WO/97/21157	06/12/97	WIPO			<b>x</b> ·
	AR	WO/98/39718	09/11/98	WIPO			×
	AS	WO/00/41050	07/13/00	WIPO			x
V	AT	WO/02/027418	04/04/02	WIPO			x

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	Brad N. Mathiowetz	et al.		
	Filing Date	Group Art:		
	March 1, 2004	2838		

	iner tial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate	
TC	AU	5,469,156	11/21/95	Kogure	340	870.38	05/01/92	
	AV	5,481,200	01/02/96	Voegele et al.	324	718	09/15/93	
	AW	5,570,300	10/29/96	Henry et al.	364	551.01	03/20/95	
	AX	5,573,032	11/12/96	Lenz et al.	137	486	06/07/95	
	AY	5,598,521	01/28/97	Kilgore et al.	395	326	04/24/95	
	AZ	5,623,605	04/22/97	Keshav et al.	395	200.17	08/29/94	
	BA	5,665,899	09/09/97	Willcox	73	1.63	02/23/96	
-	BB	5,742,845	04/21/98	Wagner	395	831	06/22/95	
	BC	5,764,891	07/09/98	Warrior	395	200.2	02/15/96	
1/	BD	5,828,567	10/27/98	Eryurek et al.	364	184	11/07/96	
V	BE	5,838,187	11/17/98	Embree	327	512	02/10/97	

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		Document No.	Date	Country	Class	Sub Class	Transla Yes	ation No
TC	BF	EP 1022626 A2	07/26/00	EPO			x	
	BG	DE 1993 0660 A1	01/11/01	Germany				×
	ВН	DE 29917651	12/14/00	Germany				х
	BI	GB 2,347,232	08/30/00	UK				
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

Brad N. Mathiowetz et al.

Filing Date Group Art: March 1, 2004

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Exam Init		Document No.	Date	Name ·	Clas s	Sub Class	Filing Date If Appropriate
TC	BL	5,923,557	07/13/99	Eidson	364	471.03	08/01/97
	·BM	5,940,290	08/17/99	Dixon	364	138	09/12/96
	BN	5,956,663	09/21/99	Eryurek	702	183	03/26/98
	во	5,960,214	09/28/99	Sharpe, Jr. et al.	395	835	12/04/96
	BP	5,970,430	10/19/99	Burns et al.	702	122	09/03/97
	BQ	5,980,078	11/09/99	Krivoshein et al.	364	131	02/14/97
	BR	6,017,143	01/25/00	Eryurek et al.	364	148.06	03/28/96
•	BS	6,023,399	02/08/00	Kogure	364	23	09/22/97
	BT	6,026,352	02/15/00	Burns et al.	702	182	10/07/98
	BU	6,047,222	04/04/00	Burns et al.	700	79	
	BV	6,052,655	04/18/00	Kobayashi et al.	702	184	03/17/98
	BW	6,091,968	07/18/00	Koohgoli et al.	455	557	07/12/97
	вх	6,094,600	07/25/00	Sharpe, Jr. et al.	700	19	02/06/96
	BY	6,111,738	08/29/00	McGoogan	361	91.5	05/22/98
	BZ	6,119,047	09/12/00	Eryurek et al.	700	28	11/10/97
	CA	6,179,964	01/30/01	Begemann et al.	162	198	09/02/97
	СВ	6,192,281	02/20/01	Brown et al.	700	2	
	CC	6,211,623	04/03/01	Wilhelm et al.	315	224	01/05/99
	CD	6,236,334	05/22/01	Tapperson et al.	340	825.37	05/28/97
	CE	6,263,487	07/17/01	Stripf et al.	717	1	
	CF	6,270,920	08/07/01	Nakanishi et al.	429	163	03/19/99
V	CG	6,298,377	10/02/01	Hartkainen et al.	709	223	09/04/98

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FORM	PTO-14	49			Atty. Doc P32.12-00	ket No. 22		Appl. No.: L0/790,627
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_			U.S. PATE	ENT DOCUMENTS				
·TC	СН	6,356,191	03/12/02	Kirkpatrick	et al.	340	501	06/17/99
	CI	6,307,483	10/23/01	Westfield e	t al.	340	870.11	04/07/99
	CJ	6,324,607	11/27/01	Korowitz et	al.	710	102	11/19/99
	CK	6,370,448	04/09/02	Eryurek		700	282	10/12/98
	CL	6,377,859	04/23/02	Brown et al.		700	79	
	СМ	6,397,114	05/28/02	Eryurek et al.		700	51	05/03/99
	CN	6,434,504	08/13/02	Eryurek et al.		702	130	08/06/99
	co	6,444,350	09/03/02	Toya et al.		429	90	03/09/00
	CP	6,449,574	09/10/02	Eryurek et	al.	702	99	07/14/00
•	CQ	6,473,710	10/29/02	Eryurek		702	133	06/29/00
	CR	6,505,517	01/14/03	Eryurek et	al.	73	861.08	07/23/99
_1	CS	6,519,546	02/11/03	Eryurek et	al.	702	130	10/19/98
	CT	6,532,392	03/11/03	Eryurek et	al.	700	54	07/28/00
	CU	6,539,267	03/25/03	Eryurek et	al.	700	51	05/04/00
	CV	6,594,603	07/15/03	Eryurek et	al.	702	104	09/30/99
	CW	6,601,005	07/29/03	Eryurek et	al.	702	104	06/25/99
	СХ	6,611,775	08/26/03	Coursolle e	t al.	702	65	05/23/00
	.CA	6,615,149	09/02/03	Wehrs		702	76	05/23/00
	CZ	6,629,059	09/30/03	Borgeson et	al.	702	183	03/12/02
	DA	6,654,697	11/25/03	Eryurek et	al.	702	47	08/27/99
	DB	2001/0053065	12/20/01	Cudini et a	11.	361	728	02/20/01
W	DC	2003/0033040 A1	02/13/03	Billings		700	97	05/29/02

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	Brad N. Mathiowetz et al.			
	Filing Date	Group Art:		
	March 1, 2004	2838		

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
TC	DD	09/384,876	08/27/99	Eryurek et al.			
	DE	09/409,098	09/30/99	Eryurek et al.	,		
	DF	09/799,824	03/05/01	Rome et al.			
	DG	09/852,102	05/09/01	Eryurek et al.			
	DH	09/855,179	05/14/01	Eryurek et al.			
	DI	10/790,627	03/06/03	Mathiowetz			
	DJ	10/438,386	03/01/04	Mathiowetz et al.			
	DK	10/440,047	05/16/03	Kantzes et al.			
	DL	10/426,894	04/30/03	Duren et al.			
	DM	10/438,401	5/16/03	Opheim et al.			
	DN	10/440,434	05/16/03	DelaCruz et al.			
	DO	10/435,819	5/12/03	Kantzes et al.			
	DP	10/440,048	05/16/03	Duren et al.			
	DQ	10/440,444	05/16/03	Mathiowetz et al.			
	DR	10/439,660	05/16/03	Mathiowetz et al.			
	DS	10/439,764	05/16/03	Mathiowetz			
	DT	10/310,703	12/05/02	Zielinski et al.			
	DU	10/440,041	05/16/03	Mathiowetz et al.			
TMAX	DV	10/440,441 /Tony Chuo/ (05/	5/16/03	Mathiowetz et al.			

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FORM PTO-1449	Atty. Docket No.: P32.12-0022	Appl. No.: 10/790,627	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:		
	Brad N. Mathiowetz et al.		
	Filing Date	Group Art:	
	March 1, 2004	2838	

Exam	iner tial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
TC	DW	2002/0077711 A1	06/20/02	Nixon et al.			
	DX	2002/0065631 A1	05/30/02	Loechner			
	DY	2003/0023795 A1	01/30/03	Packwood et al.			
V	DZ	2002/0123864 A1	09/05/02	Eryurek et al.			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

TC	EA	"Fluke 179 Multimeter & ToolPak Combo Pack, "http://www.fluke.com/MULTIMETER/TOOLPAK .ASP?AGID=6&SID=260 (2 pages).					
·	EB	"Multifunction PDA Calibrator Transmation Model 3-PMF1," Transmation, April 2001.					
	EC	"AAPA 60 & 90 Series Multimeter," http://www.appatech.com/a-60new.htm (5 pages).					
	ED	"Fieldbus Standard for Use in Industrial Control Systems Part 2: Physical Layer Specification and Service Definition", ISA-S50.02-1992, pp. 1-93.					
$\overline{\Psi}$	EE	Hart Communications, Technical Information, Part 4 Communications, Samson, Frankfurt					
EXAMI	NER:	/Tony Chuo/ (05/09/2006)	DATE CONSIDERED:				

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	Brad N. Mathiowetz	et al.	
	Filing Date	Group Art:	
	March 1, 2004	2838	

Exam	iner	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
TC	EF	2002/0004370 A1	01/10/02	Stengele et al.			
	EG	2003/0023408 A1	01/30/03	Wight et al.			
	EH	2003/0158795 A1	08/21/03	Markham et al.			
	EI	5,426,774	07/20/95	Banerjee et al.	395	575	
	EJ	5,752,249	05/12/98	Macon, Jr. et al.	707	103	
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:  Brad N. Mathiowetz et al.		
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·J <sup>c</sup>	ET	"Fieldbus Brings Protocol to Process Control," Santori et al., IEEE Spectrum, Vol. 33, Issue 3, March 1996, pps. 60-64			
	EU	"Computerized Maintenance systems-an Overview of Two Basic Types for Field Devices," Medlin, IEEE Pulp and Pater Industry Technical Conference, June 21-25, 1999, pps. 230-232			
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	Filing Date	Group Art:	
· •	March 1, 2004	2838	

Exam Init		Document No.	Date	Date Name		Sub Class	Filing Date If Appropriate
TC	AA	6,309,986	10/30/01	Flashinski et al.	442	125	
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TC	AO	International Search Report and PCT/US2004/006203, filed March 1	Written Opinion for International Application No. , 2004, date of mailing September 8, 2004
	AP		
	AQ		
EXAMI	NER:	/Tony Chuo/ (05/09/2006)	DATE CONSIDERED: